

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030736.D
 Acq On : 23 Aug 2022 16:51
 Operator : JC/MD
 Sample : N4245-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20220816

Quant Time: Sep 06 02:55:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 24 16:33:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

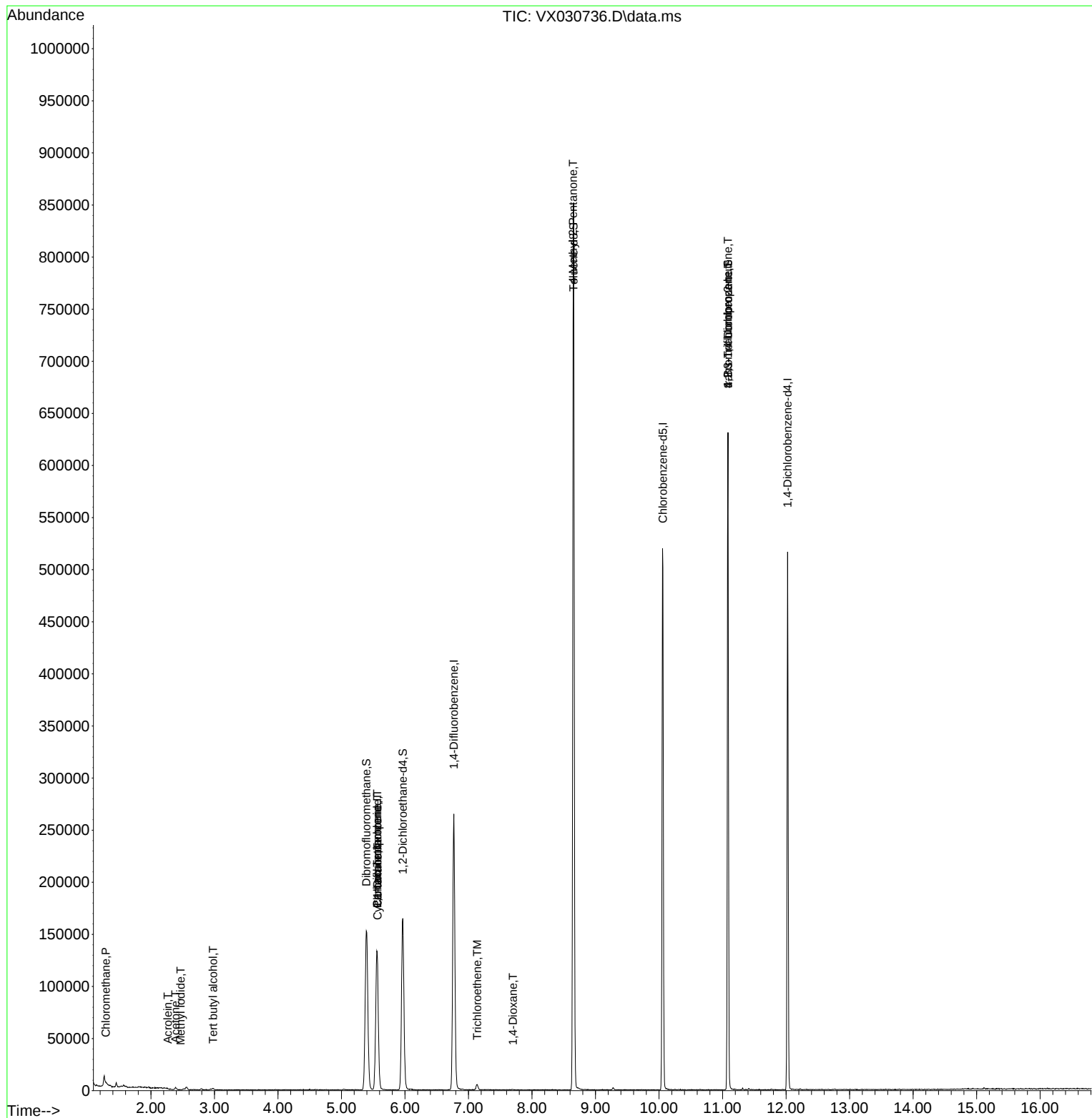
Internal Standards						
1) Pentafluorobenzene	5.562	168	126231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	278013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	251501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152865	60.250	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.500%	
35) Dibromofluoromethane	5.391	113	143285	53.914	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.820%	
50) Toluene-d8	8.653	98	517489	50.280	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	11.085	95	177553	46.484	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	508	0.248	ug/l #	85
5) Bromomethane	1.605	94	252	Below Cal	#	62
10) Methyl Iodide	2.465	142	28	1.539	ug/l #	45
11) Tert butyl alcohol	2.977	59	1636	2.643	ug/l #	79
13) Acrolein	2.264	56	47	0.309	ug/l #	14
16) Acetone	2.386	43	1962	1.510	ug/l #	80
20) Methylene Chloride	2.800	84	539	Below Cal	#	53
31) Cyclohexane	5.568	56	2397	0.651	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10027	2.622	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13354	3.740	ug/l #	18
44) Trichloroethene	7.135	130	2181	0.663	ug/l	98
49) 1,4-Dioxane	7.702	88	94	1.041	ug/l #	26
51) 4-Methyl-2-Pentanone	8.647	43	1864	0.346	ug/l #	1
67) Ethyl Benzene	10.207	91	126	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	82270	30.289	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	82270	90.866	ug/l #	12

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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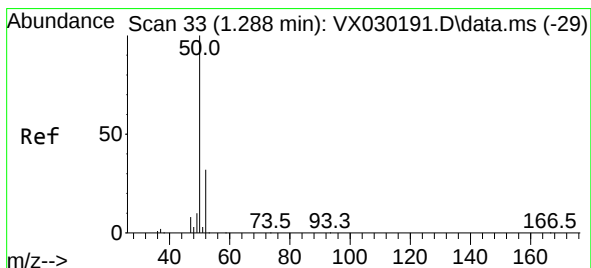
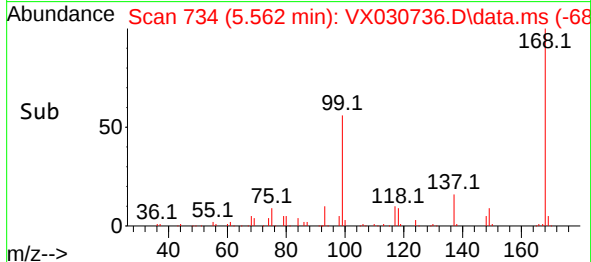
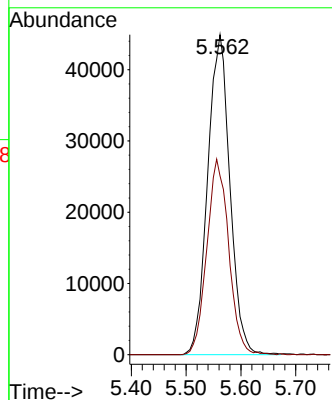
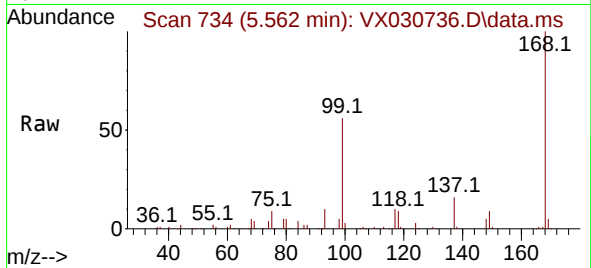




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

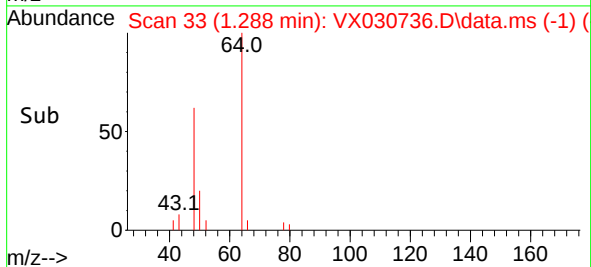
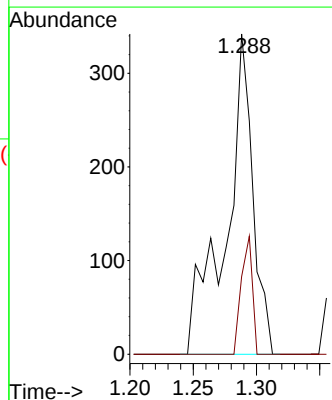
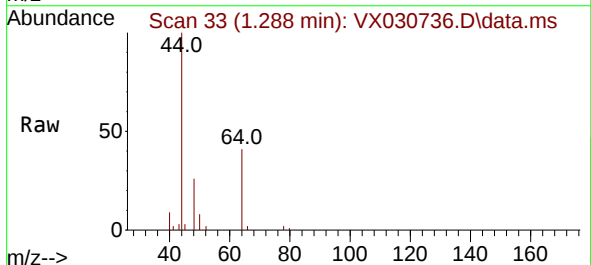
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

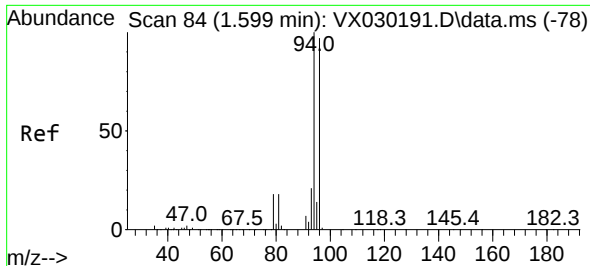
Tgt Ion:168 Resp: 126231
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#3
Chloromethane
Concen: 0.248 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Tgt Ion: 50 Resp: 508
Ion Ratio Lower Upper
50 100
52 24.3 26.3 39.5#

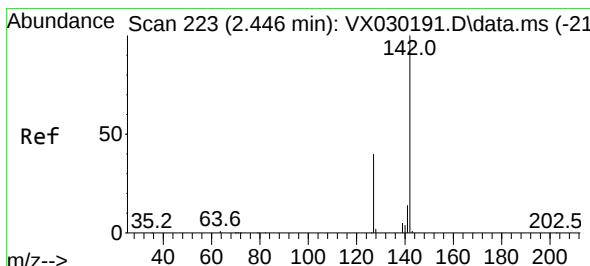
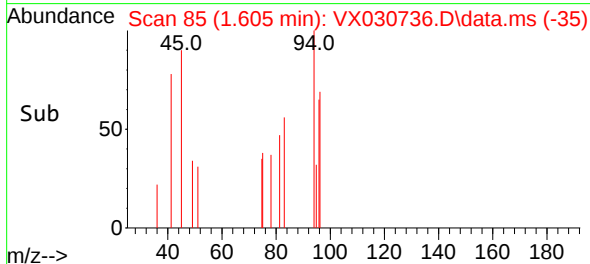
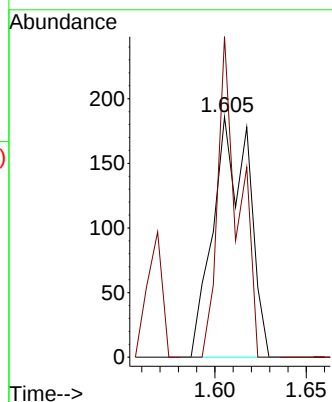
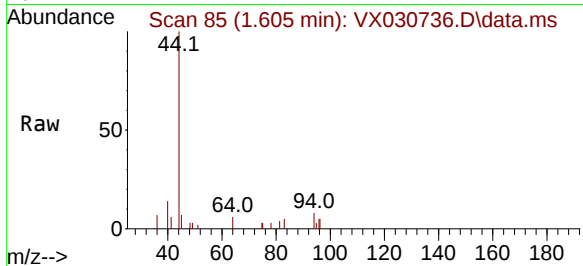




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

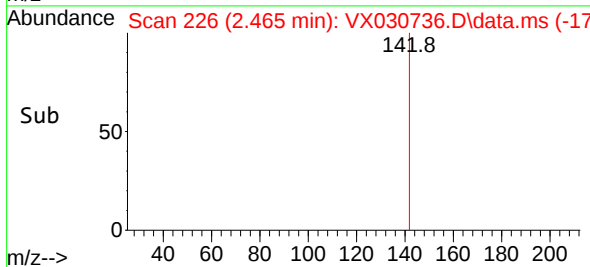
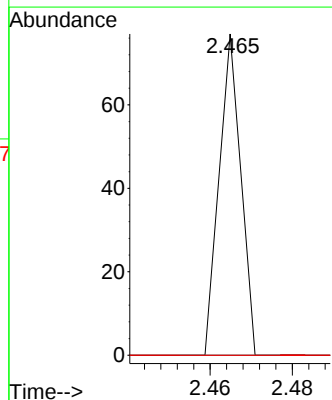
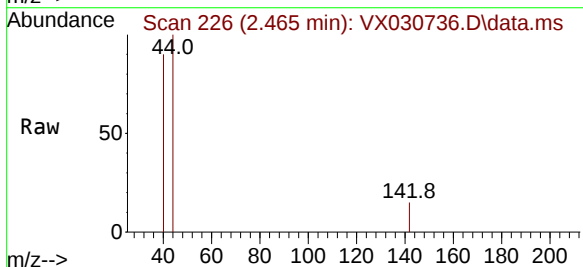
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

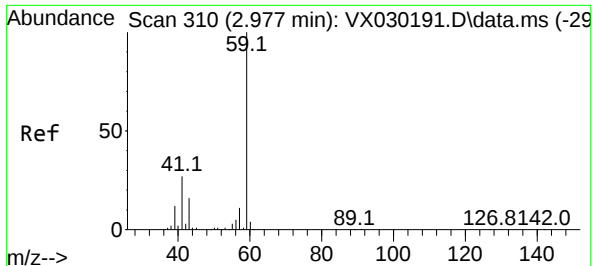
Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 133.3 76.9 115.3#



#10
Methyl Iodide
Concen: 1.539 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.019 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Tgt Ion: 142 Resp: 28
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 2.643 ug/l

RT: 2.977 min Scan# 310

Delta R.T. -0.000 min

Lab File: VX030736.D

Acq: 23 Aug 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

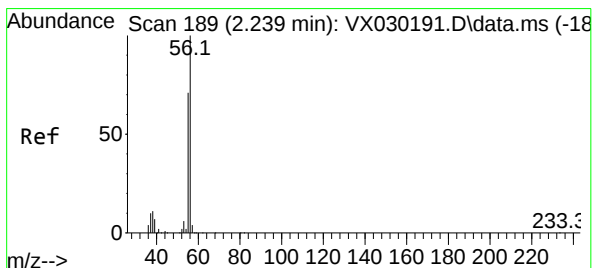
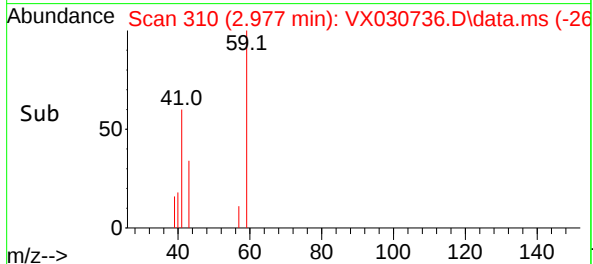
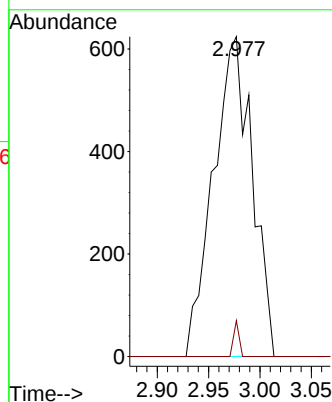
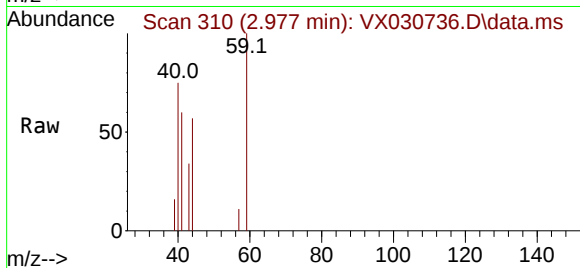
RW8-MW01S-20220816

Tgt Ion: 59 Resp: 1636

Ion Ratio Lower Upper

59 100

57 1.6 7.4 11.2#



#13

Acrolein

Concen: 0.309 ug/l

RT: 2.264 min Scan# 193

Delta R.T. 0.025 min

Lab File: VX030736.D

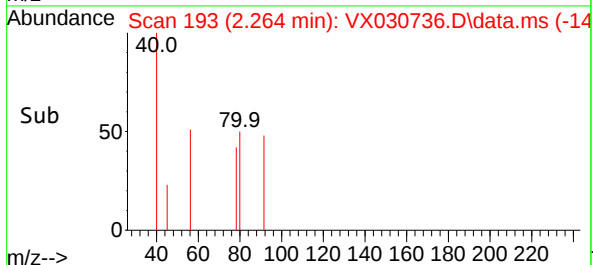
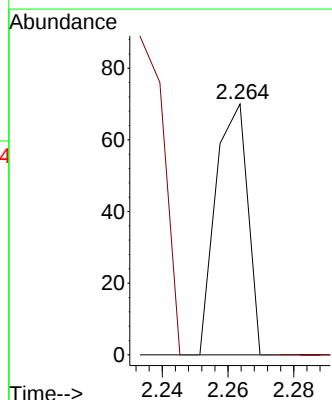
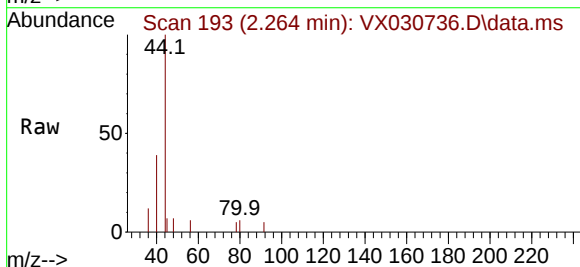
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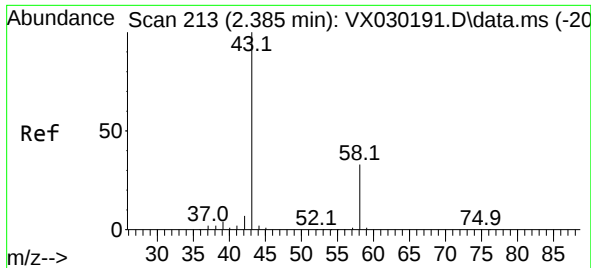
Tgt Ion: 56 Resp: 47

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

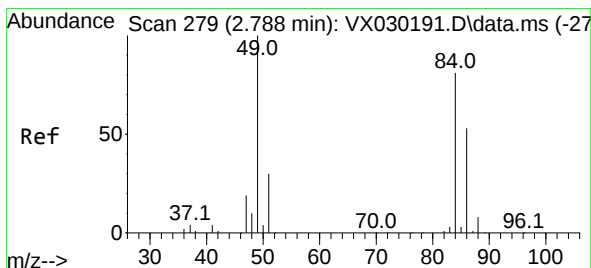
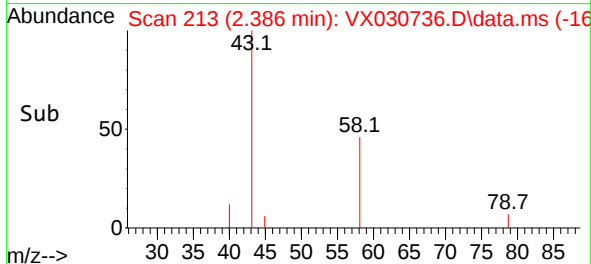
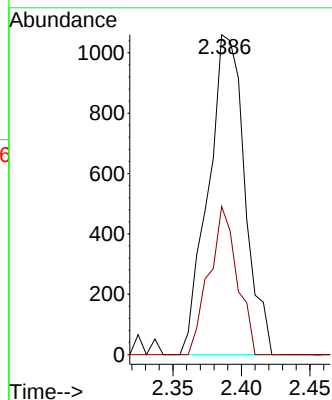
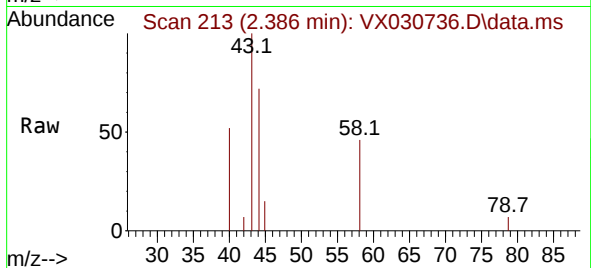




#16
Acetone
Concen: 1.510 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

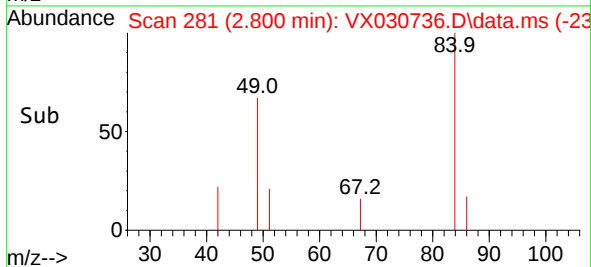
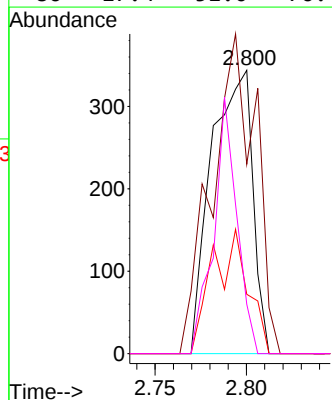
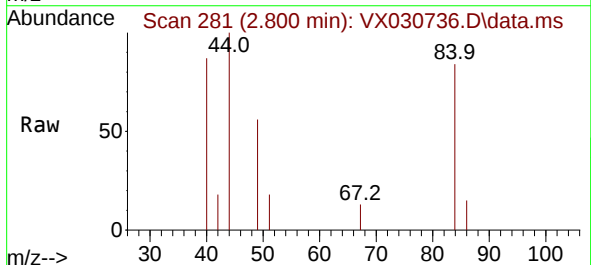
Instrument :
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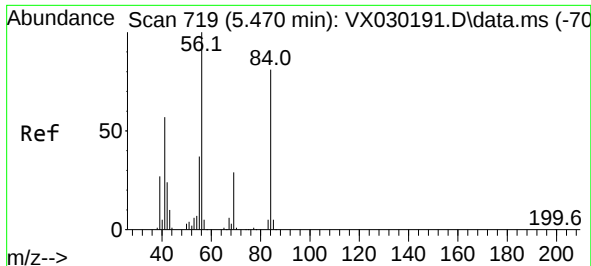
Tgt Ion: 43 Resp: 1962
Ion Ratio Lower Upper
43 100
58 46.3 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Tgt Ion: 84 Resp: 539
Ion Ratio Lower Upper
84 100
49 66.9 93.8 140.6#
51 20.9 29.4 44.0#
86 17.4 51.0 76.4#

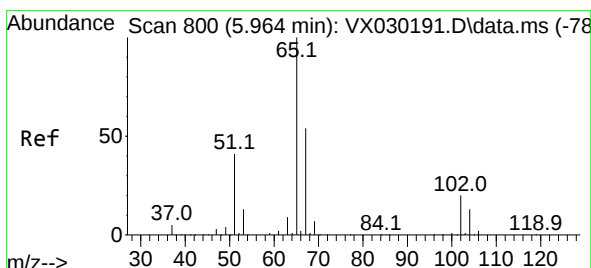
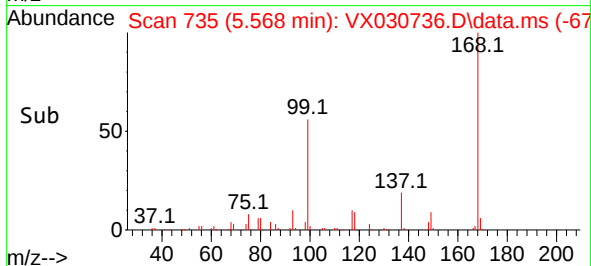
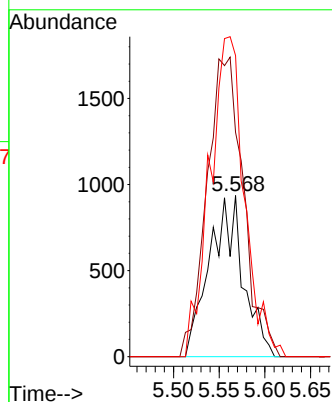
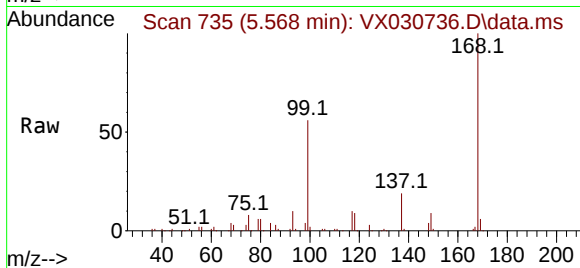




#31
Cyclohexane
Concen: 0.651 ug/l
RT: 5.568 min Scan# 719
Delta R.T. 0.098 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

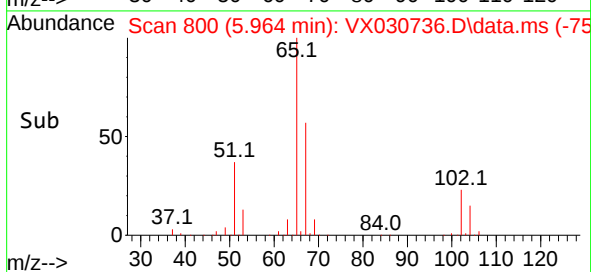
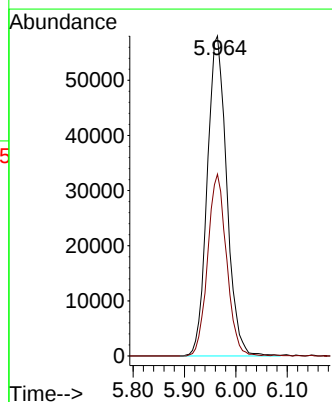
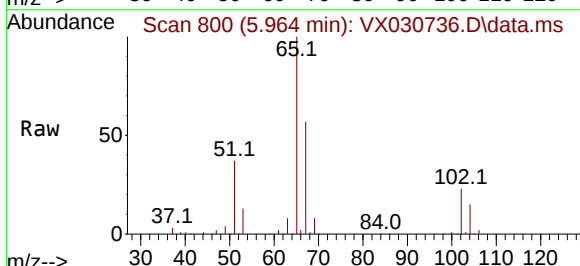
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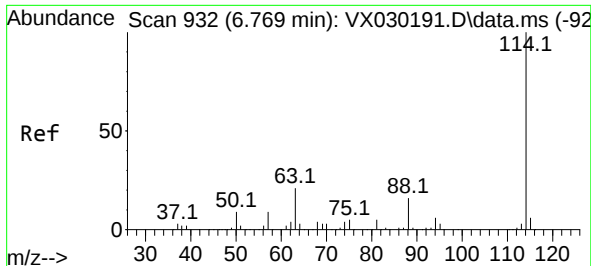
Tgt Ion: 56 Resp: 2397
Ion Ratio Lower Upper
56 100
69 139.2 25.4 38.0#
84 186.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 60.250 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Tgt Ion: 65 Resp: 152865
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

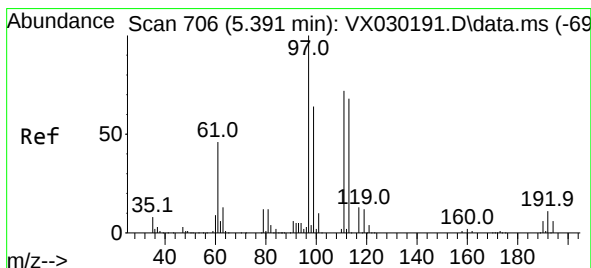
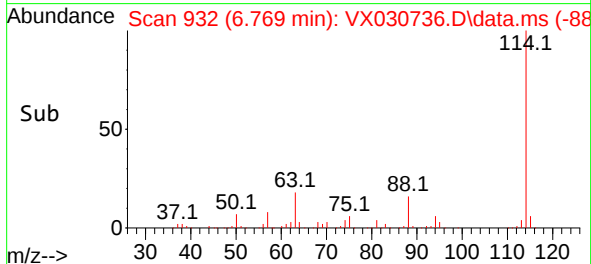
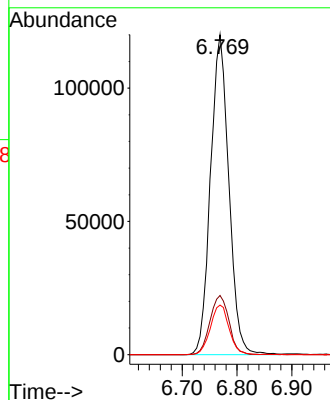
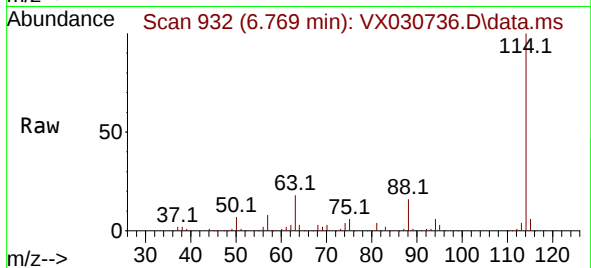




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 913
Delta R.T. -0.000 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

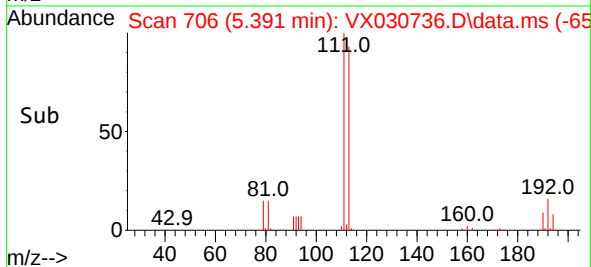
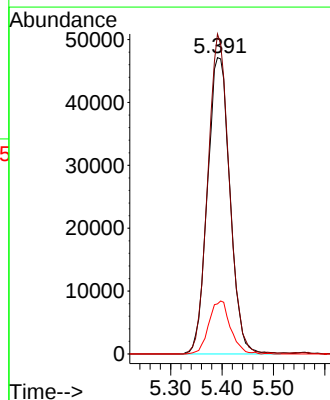
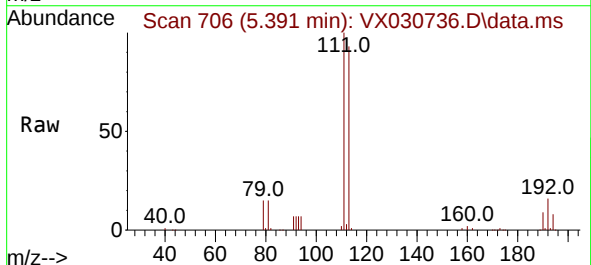
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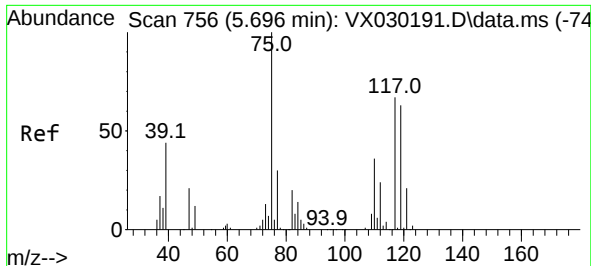
Tgt Ion:114 Resp: 278013
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.4
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.914 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Tgt Ion:113 Resp: 143285
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.1 14.8 22.2

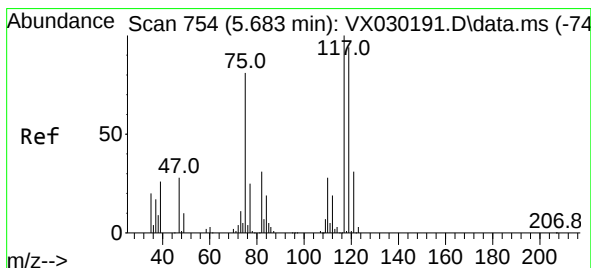
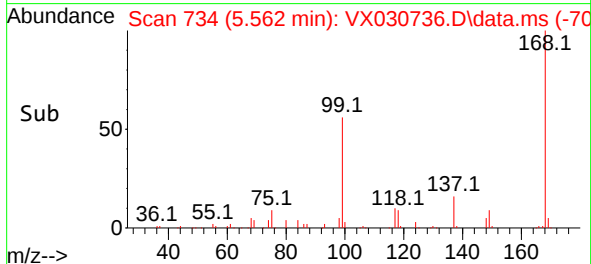
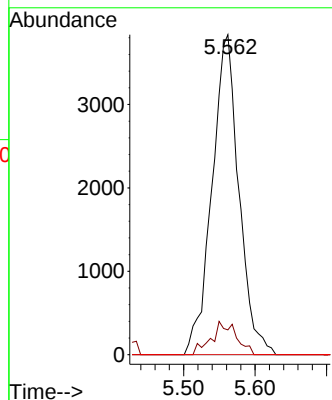
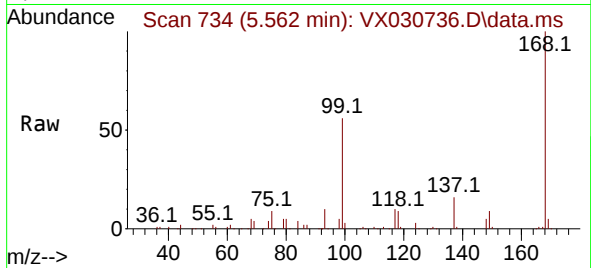




#36
1,1-Dichloropropene
Concen: 2.622 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

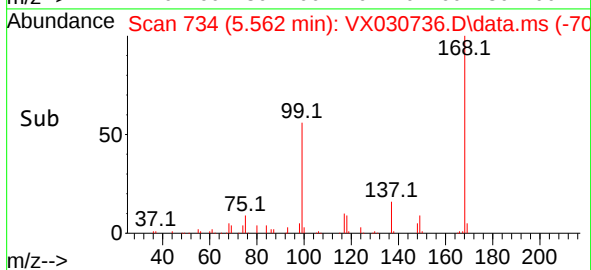
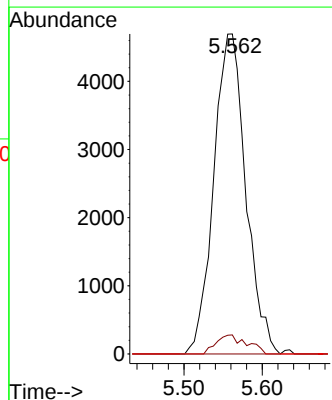
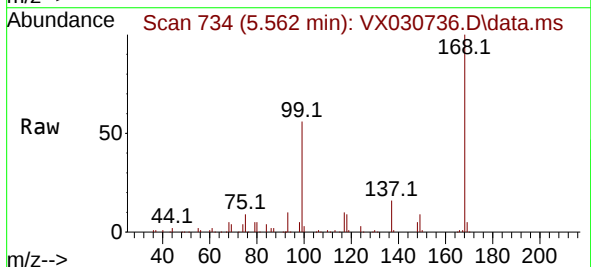
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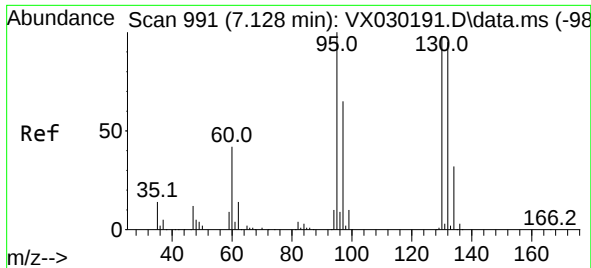
Tgt Ion: 75 Resp: 10027
Ion Ratio Lower Upper
75 100
110 9.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 3.740 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.121 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Tgt Ion: 117 Resp: 13354
Ion Ratio Lower Upper
117 100
119 5.9 74.1 111.1#
121 0.0 25.8 38.8#

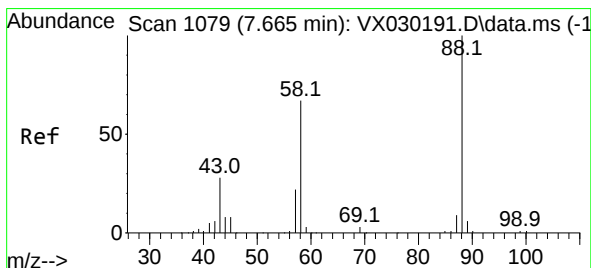
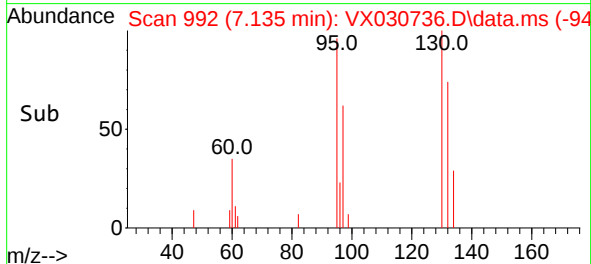
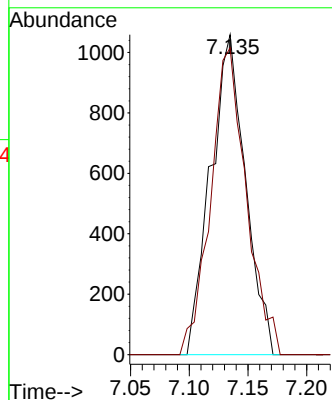
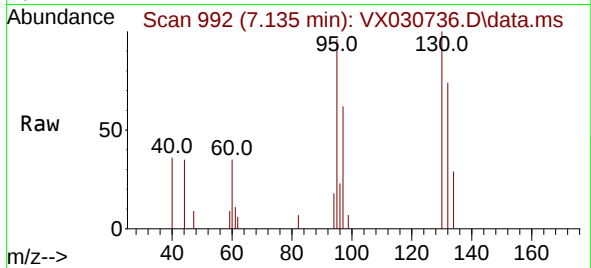




#44
Trichloroethene
Concen: 0.663 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

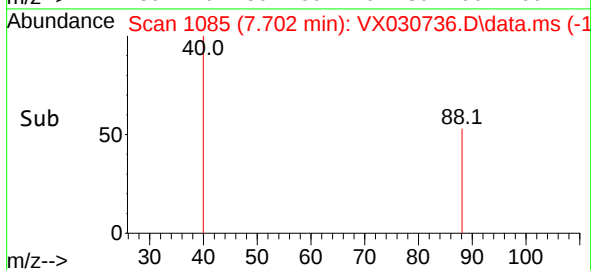
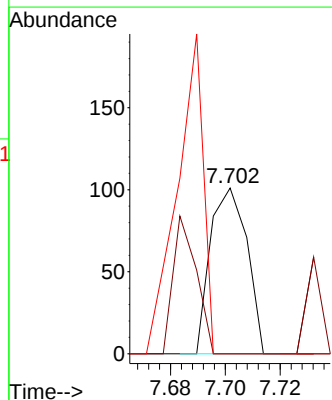
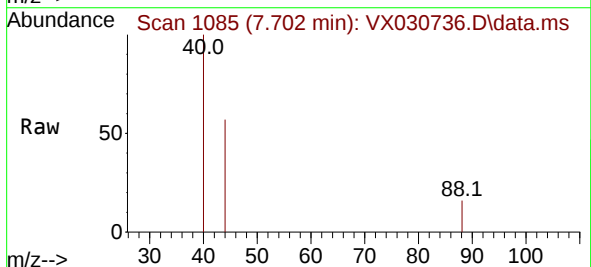
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

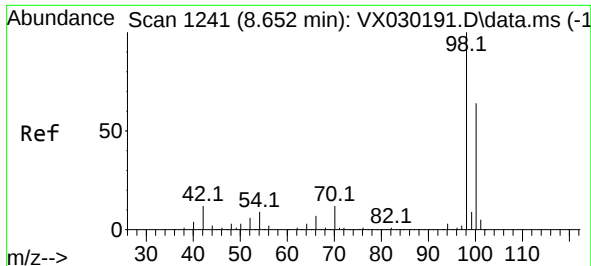
Tgt Ion:130 Resp: 2181
Ion Ratio Lower Upper
130 100
95 95.8 0.0 194.8



#49
1,4-Dioxane
Concen: 1.041 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.037 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
43 52.1 23.8 35.8#
58 138.3 53.8 80.6#

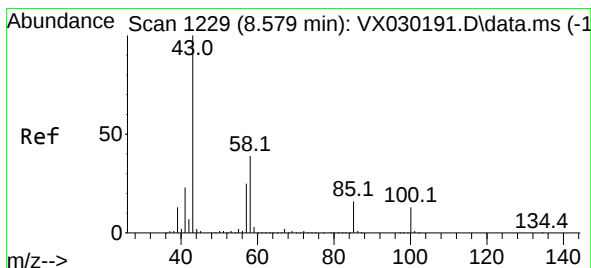
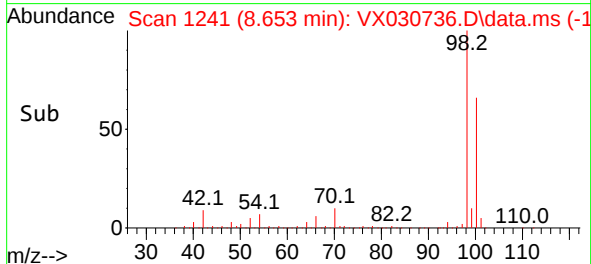
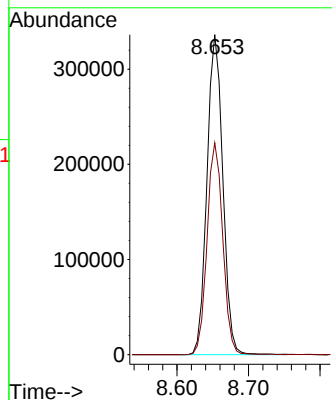
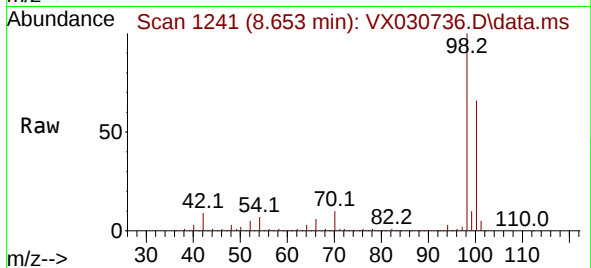




#50
Toluene-d8
Concen: 50.280 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

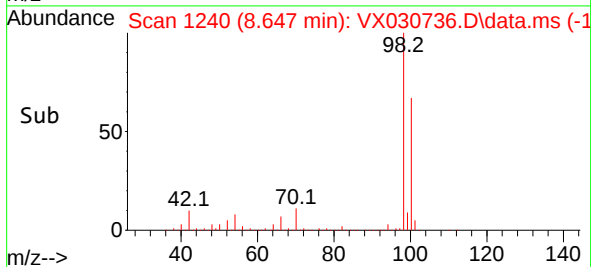
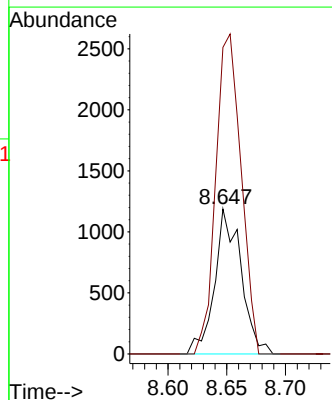
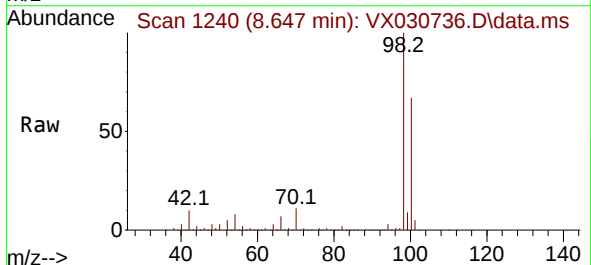
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

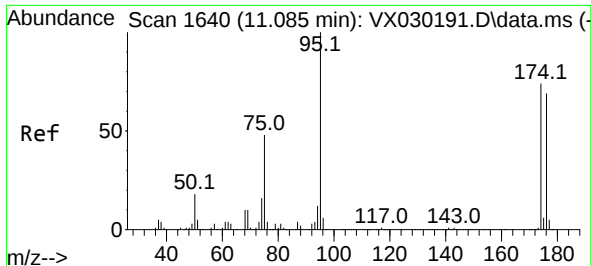
Tgt Ion: 98 Resp: 517489
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.346 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.068 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Tgt Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
58 210.8 31.4 47.2#

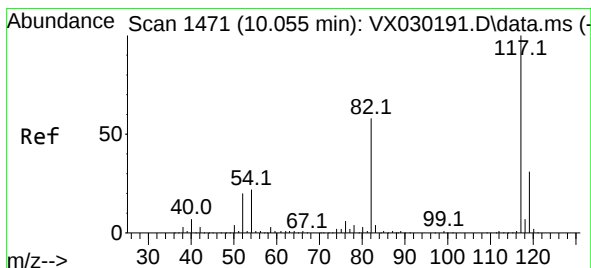
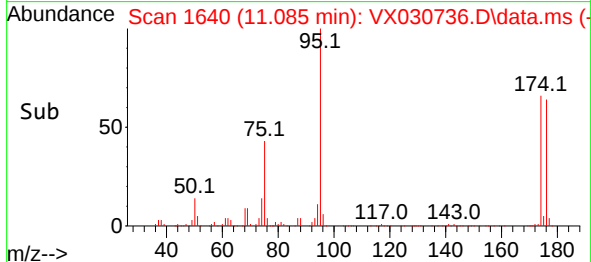
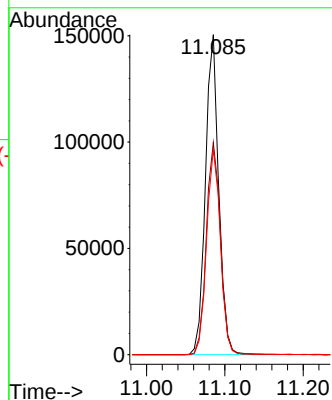
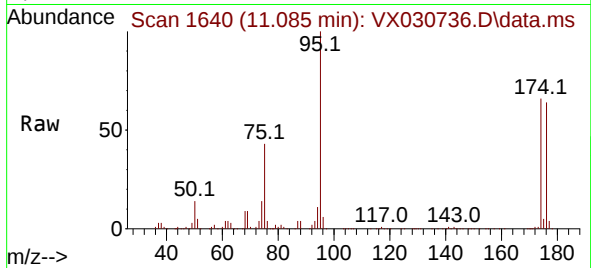




#62
4-Bromofluorobenzene
Concen: 46.484 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

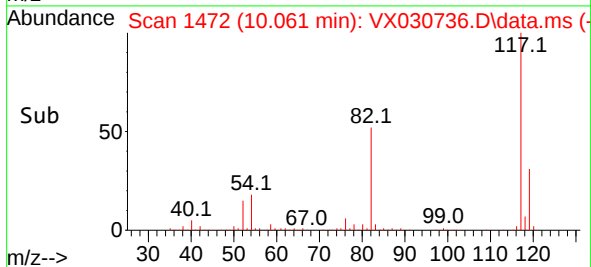
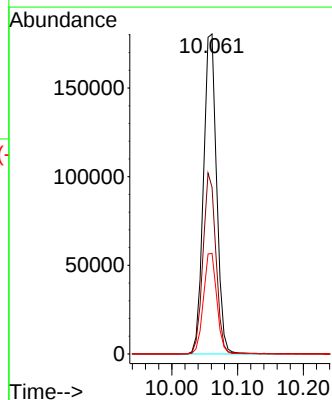
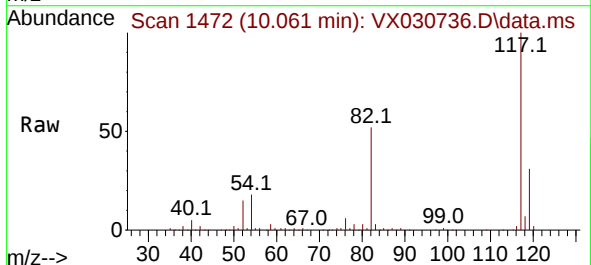
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

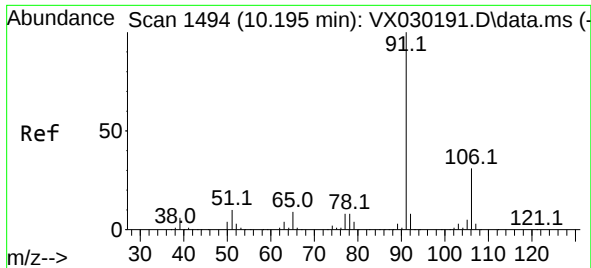
Tgt Ion: 95 Resp: 177553
Ion Ratio Lower Upper
95 100
174 70.4 0.0 149.0
176 66.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Tgt Ion: 117 Resp: 251501
Ion Ratio Lower Upper
117 100
82 52.1 42.7 64.1
119 31.5 25.4 38.2

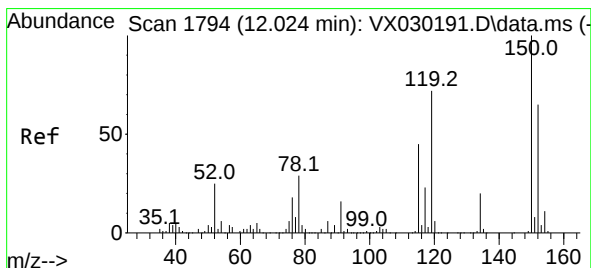
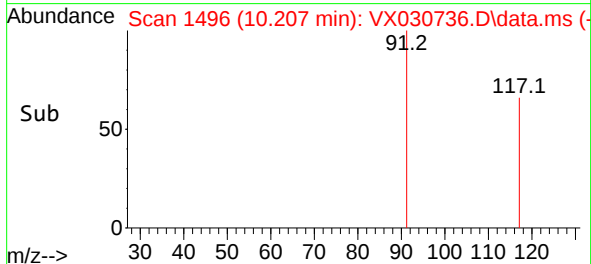
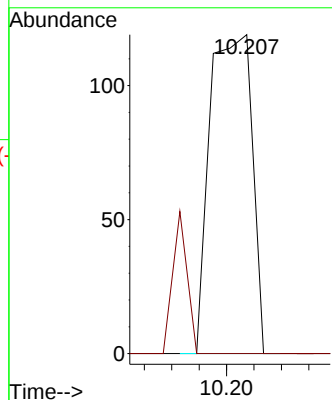
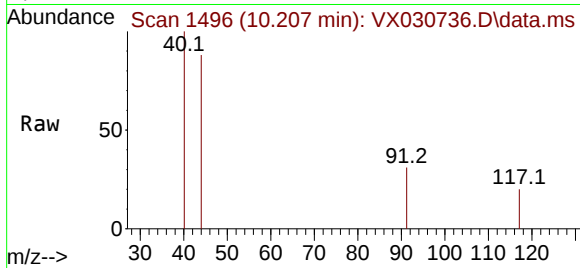




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.207 min Scan# 1496
Delta R.T. 0.012 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

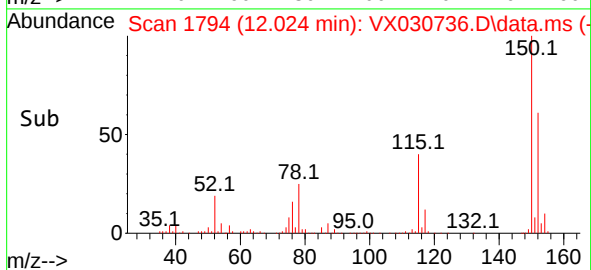
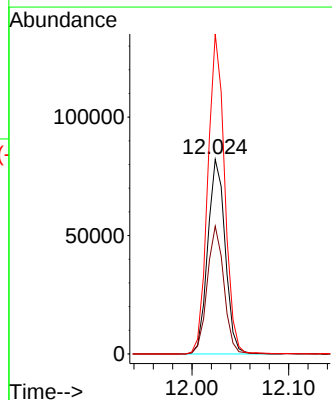
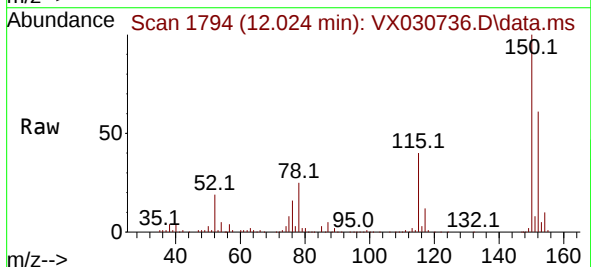
Instrument : MSVOA_X
ClientSampleId : RW8-MW01S-20220816

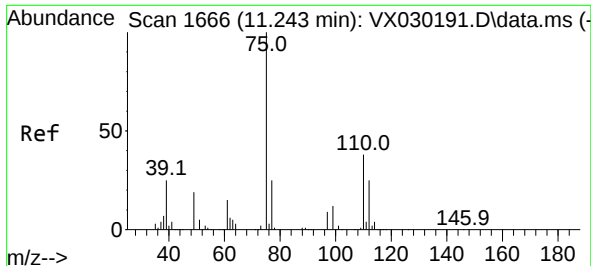
Tgt Ion: 91 Resp: 126
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Tgt Ion:152 Resp: 103042
Ion Ratio Lower Upper
152 100
115 63.0 40.5 121.5
150 158.6 0.0 347.0

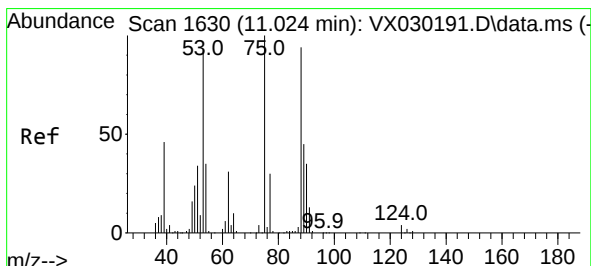
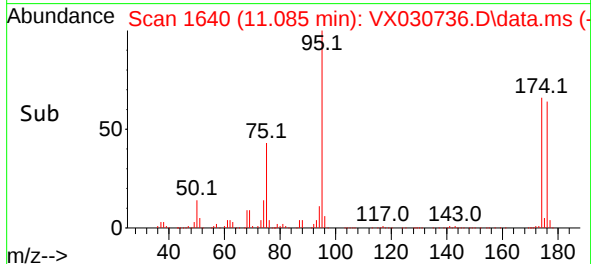
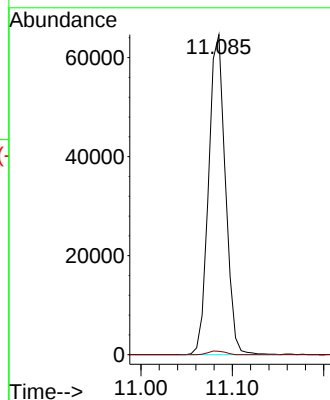
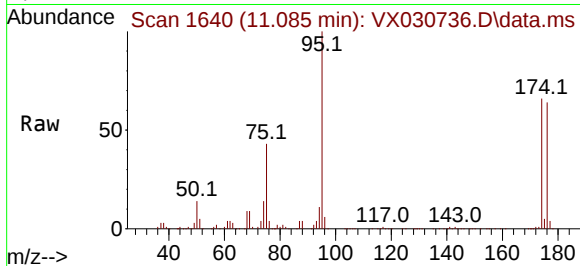




#76
1,2,3-Trichloropropane
Concen: 30.289 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

Tgt Ion: 75 Resp: 82270
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.866 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030736.D
Acq: 23 Aug 2022 16:51

Tgt Ion: 75 Resp: 82270
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

